



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

C10-9-1

Job Sheet 177492



Part No: C10-9-1

Job Qty: 13 ea ²¹ ₉₋₈₉

Part Name: Latch



Part Weight: 0 lbs

Status: Scheduled

Priority: Medium

Job Created: 5/14/18

Job Tracking No:

Due Date: 5/31/18

Created By: Marie Lajeunesse

Type: SOLD

Description:

Note: DWG C10-9-1 Rev. 3 IPP Rev. A 18.04.12 new issue DP Verify DD

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup hrs	Run Hrs	Workcenter / Supplier	Lead Time	
90	Start up Operation	13 Ea		5/31/18	0.00	0.00	Start Up Machining-3		OC 18/05/23
92	Waterjet	13 pcs		5/31/18	0.00	3.25	Waterjet 2 OMAX		OC 18/05/23
110	Mori Seiki	13 pcs		5/31/18	0.00	6.50	MORI NV5000-1		J.C. 18-05-25
120	QC	13 pcs		5/31/18	0.00	0.00	QC2 Machining-4		A.A 18-05-30
130	QC	13 pcs		5/31/18	0.00	0.00	QC8 Machining-4		AT 18/06/13
135	Outsource	13 pcs		5/31/18	0.00	0.00	Outsource1 (Atlantic)		AT 18/06/13
136	Packaging	13 pcs		5/31/18	0.00	0.00	Packaging2		
137	QC	13 pcs		5/31/18	0.00	0.00	QC6		
139	CNC Vertical Machining	13 pcs		5/31/18	0.00	0.00	MORI NV5000-1		
141	QC	13 pcs		5/31/18	0.00	0.00	QC2 Machining-1		
143	QC	13 pcs		5/31/18	0.00	0.00	QC8 Machining-1		
148	Outsource	13 pcs		5/31/18	0.00	0.00	Outsource15		AT 18/06/21
150	Packaging	13 pcs		5/31/18	0.00	0.00	Packaging2		AT 18/06/22
160	QC	13 pcs		5/31/18	0.00	0.00	QC6		38
210	Packaging	13 pcs		5/31/18	0.00	0.00	Packaging3-1		21 JUN 27 2018
220	QC21-SA	13 Ea		5/31/18	0.00	0.00	QC21		

Part Op 92 - 1-Cut as per Dwg *** ALL DIMENSION ARE OVERSIZE*** Dwg Rev: 3 Prog Rev: 3 9-89- Deburrr if Descriptions: necessary

110 - 1-Machine as per folio FC095 FOLIO REV: A4 DWG REV: 3 2-Deburrr 3-***SEE PEC FOR CHANGE B/N EVERY TIME***

Atlantic 135 - 1-Issue P/O to Machine; P/O 040102 RC 53-55 2-Bead blast 3- Certificate of Conformity is required

139 - 1-Machine as per folio FC095 FOLIO REV: DWG REV: 2-Deburrr

148 - -Issue P/O to Groupe Altech: P/O -Nickel plate, QQ-N-290, Class 2, Grade E or F -Nickel Plate .0004-.0006 -Bake after plating -Certificate of Conformity is required

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
Mt-4140-S-0.750X2.500	4140 Steel Bar 0.750 X 2.250	4.5240 ft (.348 ea)	90-Start up Operation	

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
90-Start up Operation	Mt-4140-S-0.750X2.500	5	0	0

2ACI
FS
08-C

DART
AEROSPACE

1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA
TEL: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

Container No: S073484



Part: C10-9-1

Job No: 177492

Serial No/Batch: S073484

Revision: 3

Inspector:

Exp Date:

Instructions:

Date: 06/13/10

2ACI
2C
08-C
2ACI
FS
08-C

5/24/2018

[Dart Hawkesbury] Job Sheet - Gagnon-Donovan, Michelle

Part Specifications
Specifications could not be found.

Plex 5/24/18 4:19 PM Dart.Gagnon.Michelle



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200



C10-9-1
Job Sheet 177492

Part No: C10-9-1

Job Qty: 3 ea

Part Name: Latch



Part Weight: 0 lbs

Status: Scheduled

Priority: Medium

Job Created: 5/14/18

Job Tracking No:

Due Date: 5/31/18

Created By: Marie Lajeunesse

Type: SOLD

Description:

Note: DWG C10-9-1 Rev. 3 IPP Rev. A 18.04.12 new issue DP Verify DD

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup hrs	Run Hrs	Workcenter / Supplier	Lead Time	
90	Start up Operation	8 Ea		5/31/18	0.00	0.00	Start Up Machining-3		OK 18/05/23
92	Waterjet	8 pcs		5/31/18	0.00	2.00	Waterjet 2 OMAX		OK 18/05/23
110	Mori Seiki	8 pcs		5/31/18	0.00	4.00	MORI NV5000-1		
120	QC	8 pcs		5/31/18	0.00	0.00	QC2 Machining-4		
130	QC	8 pcs		5/31/18	0.00	0.00	QC8 Machining-4		
135	Outsource	8 pcs		5/31/18	0.00	0.00	Outsource1		
140	Outsource	8 pcs		5/31/18	0.00	0.00	Outsource15		
150	Packaging	8 pcs		5/31/18	0.00	0.00	Packaging2		
160	QC	8 pcs		5/31/18	0.00	0.00	QC6		
210	Packaging	8 pcs		5/31/18	0.00	0.00	Packaging3-1		
220	QC21-SA	8 Ea		5/31/18	0.00	0.00	QC21		

Part Op 92 - 1-Cut as per Dwg Dwg Rev: 3 Prog Rev: 3 2- Deburr if necessary
Descriptions: 110 - 1-Machine as per folio FC095 FOLIO REV: DWG REV: 2-Deburr
135 - 1--Issue P/O to Metcore ; P/O RC 53-55 2-Bead blast 3- Certificate of Conformity is required
NOTE DROP SHIP TO FINISHER Metcore to ship directly to Groupe Altech***
140 - -Issue P/O to Groupe Altech: P/O -Nickel plate, QQ-N-290, Class 2, Grade E or F -Nickel Plate .0004-.0006 -Bake after plating -Certificate of Conformity is required

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
Mt-4140-S-0.750X2.250	4140 Steel Bar 0.750 X 2.250	2.7840 ft (.348 ea)	90-Start up Operation	

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
90-Start up Operation	Mt-4140-S-0.750X2.250	3	0	0

Part Specifications

Specifications could not be found.



Container No: S073484



Part: C10-9-1

Job No: 177492

Serial No/Batch: S073484

Revision: 3

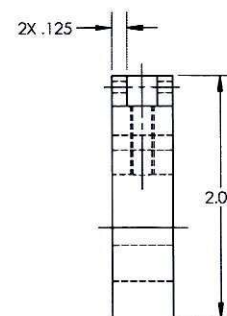
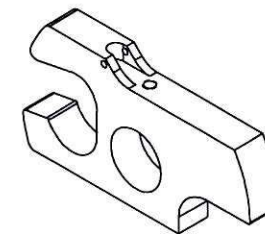
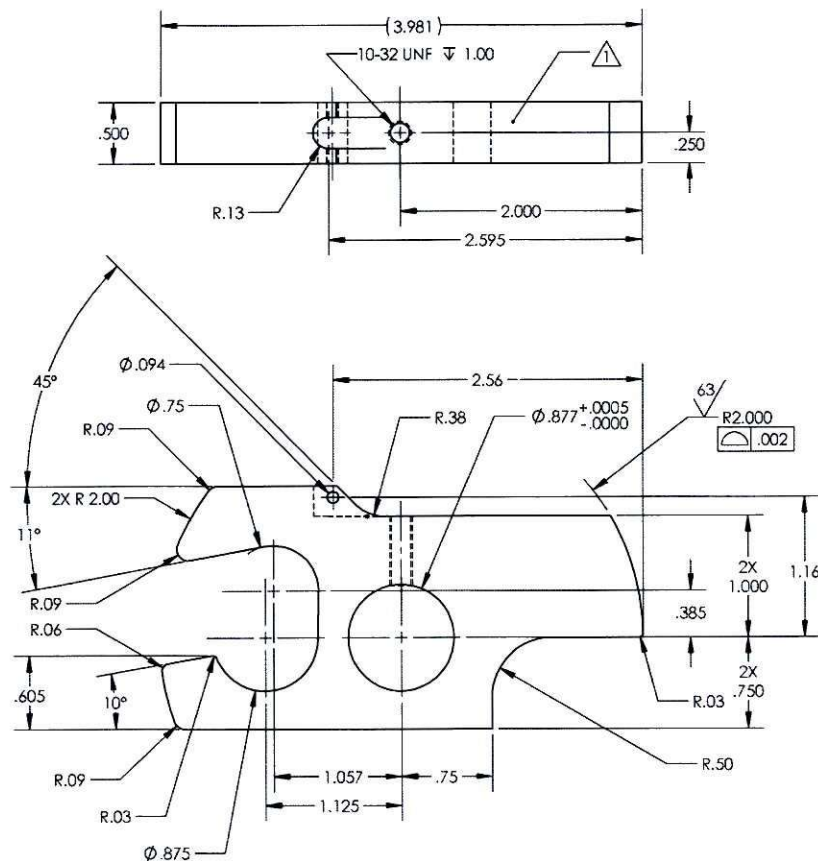
Inspector:

Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA
TEL: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

Date: 05/23/18

This drawing, specifications, and contents contained herein are the sole property of Dart Aerospace and may not be reproduced or used in any fashion without the prior written permission of Dart Aerospace Eugene, OR.

REVISIONS				
REV	ECR	DESCRIPTION	DATE	INITIAL
2		AS DRAWN BY CANAM.	5/1/2013	CFS
3	14-0114	CHD TITLE BLOCK WAS RED BARN & DART. ADDED MACHINE ENGRAVE NOTE. CHD GOAT CONTROL WAS $\pm .002$ DATUM A & $\pm .002$ CHD TOLERANCE ON NON-CRITICAL DIMENSIONS.	8/8/2014	DPD



- NOTES:
- MACHINE ENGRAVE BATCH NUMBER.
 - NICKEL PLATE .0004 - .0006, BAKE AFTER PLATING.

DART AEROSPACE	
TITLE: LATCH	
DWG NO.: C10-9-1	REV: 3
MATL: 4140	DRAWN BY: CANAM
UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES.	
.XXX $\pm .005$	FRACTIONS $\pm 1/8$
.XX $\pm .01$	ANGLES $\pm 5^\circ$
.X $\pm .1$	SEE NOTE 2
OR .015A	SPEC
1. BREAK ALL SHARP EDGES .015 $\times$ 45°	
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
SCALE: 1:1	DATE: 4/26/2005
SHEET 1 OF 1	

ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS
			C10-9-1	1	LATCH	4140	1/2 X 4-1/8 X 2-1/8



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER PO040102

Supplier: ATL002-VC
Atlantic Heat Treat 2001
401 Frankcom
Ajax
ON
L1S R14 Canada
Phone: 866 257 6395

PO No: PO040102
PO Date: 6/4/18
Due Date: 6/7/18
**Purchase Order
Revision:**
Revision Date:
Ship-To Contact: Tsimiklis, ChrisoulaPhone:

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

Pymt Terms: Net 30
Freight Terms:
Special Comments:

Items

Line Item	Job	Part	Description	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	177869	PC250-520	Roller 1--Issue P/O to Atlantic Heat Treat; P/O _____ RC 53-56 2-Bead blast 3- Certificate of Conformity is required ***NOTE*** DROP SHIP TO FINISHER Atlantic Heat Treat to ship directly to Groupe Altech*** MAT'L 4140	Firmed	6/8/18	12 pcs	0 pcs	12 pcs	\$6.25/pcs	\$75.00
2	177492	C10-9-1	Latch 1--Issue P/O to Atlantic Heat Treat ; P/O _____ RC 53-55 2-Bead blast 3- Certificate of Conformity is required MAT'L 4140	Firmed	6/8/18	13 pcs	0 pcs 13x	13 pcs	\$5.76923077/pcs At 18/06/13	\$75.00

Line Item Note * rush - need asap *

Grand Total: \$150.00

Order Notes

CI.

Order Notes

Procurement Quality Clauses

A005 right of entry

A012 chemical and physical test report

A016 personnel qualification

A017 raw material identification (as applicable)

A022 Apical Processing

A024 process certifications

A026 certification of material conformance

A041 quality management system

A042 dart notification by supplier

A043 retention of quality documents

A048 counterfeit parts avoidance, detection, mitigation and disposition program

A049 supplier awareness

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit

www.dartaerospace.com for further explanation.

Plex 6/7/18 1:45 PM dart.tsimiklis.chrisoula

Certification

Date: 06/08/2018

Entry Date: 06/05/2018

Page: 1 of 1

To:DART AEROSPACE LTD.
1270 ABERDEEN ST

Purchase Order No.: PO040102

Packing List No.:

HAWKESBURY ON K6A 1K7

Material: 4140

We are pleased to provide you with the following Certificate of Compliance.

Quantity	Part Number / Part Name / Part Description	Pounds
13	13 PCS MATERIAL 4140 HARDEN TO 53-55 RC C of C, SAND BLAST PART #C10-9-1, JOB #177492	8

Insp. Type	Scale	Minimum	Maximum	Number	Other
------------	-------	---------	---------	--------	-------

Customer Requirements:

Harden rockwell

Results:

Harden ROCKWE 53. 55. 53. TESTED AS PER SAMPLING PLAN

HEAT TREATED TO 53 RC AS PER CUSTOMER REQUEST

STATEMENT OF LIMITED LIABILITY (PLEASE READ CAREFULLY). ALL WORK IS ACCEPTED SUBJECT TO THE FOLLOWING CONDITIONS: It is recognized that even after employing all the scientific methods known to us, hazards still remain in metal treating. THEREFORE, OUR LIABILITY SHALL NOT EXCEED TWICE THE AMOUNT OF OUR CHARGES FOR THE WORK DONE ON ANY MATERIAL (FIRST TO REIMBURSE FOR THE CHARGES AND SECOND TO COMPENSATE IN THE AMOUNT OF THE CHARGES), EXCEPT BY WRITTEN AGREEMENT SIGNED BY THE METAL TREATER. THE CUSTOMER, BY CONTRACTING FOR METAL TREATMENT, AGREES TO ACCEPT THE LIMITS OF LIABILITY AS EXPRESSED IN THIS STATEMENT TO THE EXCLUSION OF ANY AND ALL PROVISIONS AS TO LIABILITY ON THE CUSTOMER'S OWN INVOICES, PURCHASE ORDERS OR OTHER DOCUMENTS. IF THE CUSTOMER DESIRES HIS OWN PROVISIONS AS TO LIABILITY TO REMAIN IN FORCE AND EFFECT, THIS MUST BE AGREED TO IN WRITING, SIGNED BY AN OFFICER OF THE TREATER, IN SUCH EVENT, A DIFFERENT CHARGE FOR OUR SERVICES REFLECTING THE HIGHER RISK TO TREATER, SHALL BE DETERMINED BY THE TREATER AND CUSTOMER. THE TREATER MAKES NO EXPRESS OR IMPLIED WARRANTIES AND SPECIFICALLY DISCLAIMS ANY IMPLIED WARRANTY OF THE FITNESS FOR A PARTICULAR PURPOSE OR MERCHANTABILITY, AS TO THE PERFORMANCE CAPABILITIES OF THE MATERIAL, AS HEAT TREATED, OR THE HEAT TREATMENT. THE FOREMENTIONED LIMITATION OF LIABILITY STATED ABOVE IS SPECIFICALLY IN LIEU OF ANY EXPRESS OR IMPLIED WARRANTY, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS, AND OF ANY OTHER SUCH OBLIGATION ON THE PART OF THE TREATER. No claim for shortage in weight or count will be entertained unless presented within five (5) working days after receipt of materials by customer. No claim will be allowed for shrinkage, expansion, deformity, or rupture of material in treating or straightening, except by prior written agreement, as above, nor in any case for rupture caused by or occurring during subsequent grinding. Whenever we are given material with detailed instructions as to treatment, our responsibility shall end with the carrying out of these instructions. Failure by a customer to indicate plainly and correctly the kind of material (i.e., proper alloy designation) to be treated, shall cause an extra charge to be made to cover any additional expense incurred as a result thereof, but shall not change the limitation of liability stated above. Customer agrees there will be no liability on the treater in contract for any special, indirect or consequential damages arising whatsoever, including but not limited to personal injury, property damage, loss of profits, loss of production, recall or any other losses, expenses or liabilities allegedly occasioned by the work performed on the part of the treater. It shall be the duty of the customer to inspect the merchandise immediately upon its return, and in any event claims must be reported prior to the time that any further processing, assembling or any other work undertaken. OUR LIABILITY TO OUR CUSTOMERS SHALL CEASE ONCE ANY FURTHER PROCESSING, ASSEMBLING OR ANY OTHER WORK HAS BEEN UNDERTAKEN ON SAID MATERIAL. No agent or representative is authorized to alter the above conditions, except by writing duly signed by an officer of treater.



KEAN SHEPHERD
QUALITY CONTROL
ATLANTIC HEAT TREATING 2001 LTD



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER **PO040188**

Supplier: GRO002-VC
Group Altech
2455 Halpern
St Laurent
QC
H4S 1N9 Canada
Phone: 514-335-3666
Fax: 514-335-3868

PO No: PO040188
PO Date: 6/13/18
Due Date: 6/18/18
Purchase Order Revision:
Revision Date:
Ship-To Contact: Phone:

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

Via: Ground
Pymt Terms: Net 30
Freight Terms:
Special Comments:

Items

Line Item	Job	Part	Description	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	177492	C10-9-1	Latch -Issue P/O to Groupe Altech: P/O -Nickel plate, QQ-N-290, Class 2, Grade E or F -Nickel Plate .0004- .0006 -Bake after plating -Certificate of Conformity is required	Firmed	6/18/18	12 pcs	0 pcs 12x	12 pcs	\$7.05882353/pcs	\$84.71 AT 18/06/18
2	175892	C10-9-4	Latch Shaft Bearing -Issue P/O to Groupe Altech: P/O -Nickel plate, QQ-N-290, Class 2, Grade E or F -Nickel Plate .0004- .0006 -Bake after plating -Certificate of Conformity is required	Firmed	6/18/18	22 pcs	0 pcs 22x	22 pcs	\$7.05882353/pcs	\$155.29 AT 18/06/18

Grand Total: \$240.00

Order Notes



Certificat de Conformité / Certificate of Compliance

(010266-1)

2455, Rue Halpern | Saint-Laurent | Québec | H4S 1N9
 Tel: 514-335-3666 Fax: 514-335-3868
 www.groupaltech.com

Bon de Livraison / Packing Slip

010266 - 1

Livré à / Ship to

DART AEROSPACE LTD
 1270 ABERDEEN STREET
 HAWKESBURY, ON, K6A1K7
 CANADA
 Tel.: 613-632-5200 Fax.:

Client / Customer:

DART AEROSPACE LTD
 1270 ABERDEEN STREET
 HAWKESBURY, ON, K6A1K7
 CANADA
 BUYER:

Date expédition Ship date		Créé Par Generated By	Transport / No de Compte Courier / Acc. No.	Bon de commande Client Customer Purchase Order No.				
22-Jun-2018		Aman		040188				
#Ligne Line#	No. de Série / # Pièce Part Number / Line Item Details	Description pièce(s)	CATG. U/M	Comm. /Ordered	Exp/ Shipped	Qté NC/ NC Qty	Qté Scrap/	À venir/ Back Order
1	C10-9-1 Rev.	C10-9-1 01 -E-NIC STEEL 200 [E-NICKEL STEEL 200] QQ-N-290 CLASS 2 GRADE E OR F 0.0004-0.0006 THICK BAKE AFTER	E-NICKEL STEEL CH	12	12	0	0	0
2	C10-9-4 Rev.	C10-9-4 01 -E-NIC STEEL 200 [E-NICKEL STEEL 200] QQ-N-290 CLASS 2 GRADE E OR F 0.0004-0.0006 THICK BAKE AFTER	E-NICKEL STEEL CH	22	22	0	0	0

Notes Additionnelles / Additional Notes

Epaisseur réelle
Actual Thickness
Inspecteur Qualité
Quality Inspector
Réçu par
Received By

Nous certifions que les pièces énumérées ci-dessus ont été traitées en conformité avec votre commande et vos spécifications et rencontrent les exigences.
 Notre responsabilité financière et légale ne sera pas supérieure au montant de la facture issue.

We hereby certify that the parts listed above have been process in accordance with your purchase order and specifications and are in conformance with your requirements.
 Our financial and legal responsibility will not be higher than the amount of invoice.